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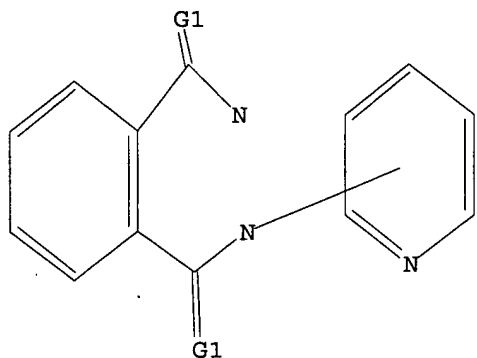
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L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1

SAMPLE SEARCH INITIATED 17:04:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 191 TO ITERATE

100.0% PROCESSED 191 ITERATIONS

18 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2991 TO 4649

PROJECTED ANSWERS: 106 TO 614

L2 18 SEA SSS SAM L1

=&gt; log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

0.61

STN INTERNATIONAL LOGOFF AT 17:04:17 ON 04 SEP 2003

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FILE COVERS 1907 - 4 Sep 2003 VOL 139 ISS 10  
FILE LAST UPDATED: 3 Sep 2003 (20030903/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

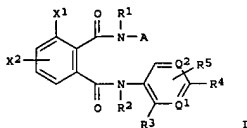
=> s l3

L4 13 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:906129 CAPLUS  
 DOCUMENT NUMBER: 137:384658  
 TITLE: Preparation of phthalamide derivatives as insecticide  
 INVENTOR(S): Goto, Makoto; Shimizu, Toshiaki; Tohniishi, Masanori;  
 Seo, Akira; Morimoto, Masayuki; Fujioka, Shinsuke  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 55 pp.  
 COORD: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

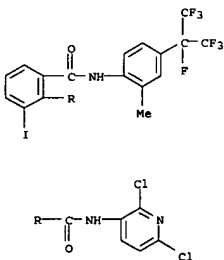
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WO 2002094766	A1	20021128	WO 2002-JP4744	20020516
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2003034672	A2	20030207	JP 2002-144976	20020520
PRIORITY APPLN. INFO.: JP 2001-149407 A 20010518				
OTHER SOURCE(S): MARPAT 137:384658				



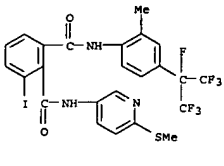
AB Title compds. I (wherein R1 and R2 may be the same or different and each represents hydrogen, C1-6 alkyl, etc.; R3 represents halogeno, cyano, etc.; R4 represents halogeno, C1-6 haloalkyl, etc.; R5 represents hydrogen, halogeno, etc.; Q1 and Q2 may be the same or different and each represents carbon or nitrogen; X1 represents halogeno, nitro, etc. and X2 represents hydrogen, halogeno, etc., provided that X1 and X2 in combination may form a fused ring; and A represents Ph, pyridyl, etc.), useful as insecticides, are prepd. Thus, reaction of N2-[4-(methylthio)phenyl]-3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]phthalamide with m-chloroperbenzoic acid in CHCl3 gave 87% N2-[4-(methylsulfinyl)phenyl]-3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]phthalamide (II).

II

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

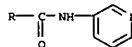
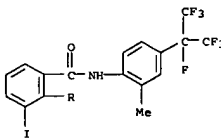


RN 476311-52-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]-N2-[6-(methylthio)-3-pyridinyl]- (9CI)  
 (CA INDEX NAME)



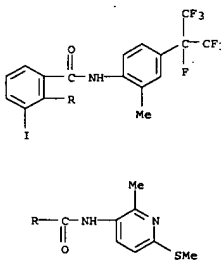
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 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[2-methyl-6-(methylthio)-3-pyridinyl]-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 IT 476311-50-9P 476311-51-0P 476311-52-1P  
 476311-53-2P 476311-54-3P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
 USES  
 (Uses)  
 (prepn. of phthalamide deriva., as insecticides)  
 RN 476311-50-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]-N2-3-pyridinyl- (9CI) (CA INDEX NAME)

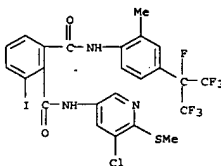


RN 476311-51-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[2,6-dichloro-3-pyridinyl]-3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI)  
 (CA INDEX NAME)

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476311-54-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[5-chloro-6-(methylthio)-3-pyridinyl]-3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

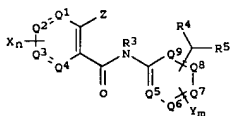


REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:906127 CAPLUS  
 DOCUMENT NUMBER: 137:384657  
 TITLE: Preparation of aromatic amides as agrohorticultural insecticides.  
 INVENTOR(S): Goto, Makoto; Yamaguchi, Minoru; Harayama, Hiroto; Nakao, Hayami; Furuya, Takashi; Tohnishi, Masanori; Morimoto, Masayuki; Fujioka, Shinsuke  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 83 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

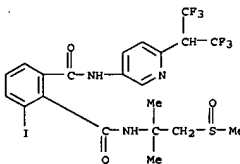
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WO 2002094765	A2	20021128	WO 2002-JP4742	20020516
WO 2002094765	A3	20030530		

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 JP 2003034673 A2 20030207 JP 2002-144977 20020520  
 PRIORITY APPLN. INFO.: JP 2001-149365 A 20010518  
 OTHER SOURCE(S): MARPAT 137:384657  
 GI

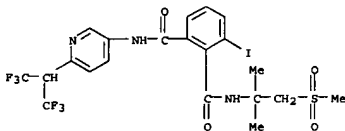


AB Title compds. [I; Z = CON(R2)AR1, (substituted) dihydroisoxazolyl; A = (substituted) alkylene, alkenylene, etc.; R1 = H, halo, cyano, NO2, cycloalkyl, alkoxyalkyl, (substituted) Ph, heterocyclyl, etc.; R2 = H, alkyl, alkoxyalkyl, alkylthioalkyl; R3 = H, alkyl, alkoxyalkyl, alkylthioalkyl; R4 = H, F, fluoroalkyl; R5 = F, fluoroalkyl; X = halo, NO2, cyano, alkyl, haloalkyl, etc.; Y = halo, (substituted) Ph, PhO, etc.;  
 Q1-Q9 = C, N; m = 0-3; n = 0-2], were prepd. N-(1,1-dimethyl-2-

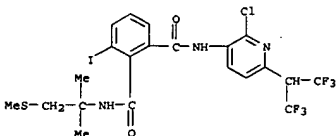
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476336-90-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 476336-91-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

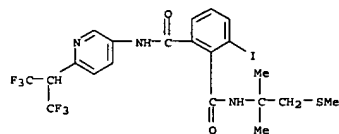


RN 476336-92-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 methylthioethyl]-6-iodophthalic acid isomide,  
 2-methyl-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]aniline (prepn. given), and CF3CO2H were stirred 2 h in THF to give  
 N2-[1,1-dimethyl-2-methylthioethyl]-3-iodo-N1-[2-methyl-4-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]phenyl]phthalamide. Numerous 1 at 50 ppm gave 100% kill of Plutella xylostella and Spodoptera litura.  
 IT 476336-88-6P 476336-89-7P 476336-90-0P  
 476336-91-1P 476336-92-2P 476336-93-3P  
 476336-94-4P 476336-95-5P 476336-96-6P  
 476336-97-7P 476336-98-8P 476336-99-9P  
 476337-00-5P 476337-01-6P 476337-02-7P  
 476337-03-8P 476337-04-9P 476337-05-0P  
 476337-06-1P 476337-07-2P 476337-08-3P  
 476337-09-4P 476337-10-7P 476337-11-8P  
 476337-12-9P 476337-13-0P 476337-14-1P  
 476337-15-2P 476337-16-3P 476337-17-4P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
 USES

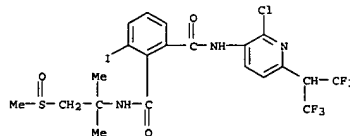
(Uses)  
 (prepn. of arom. amides as agrohorticultural insecticides)

RN 476336-88-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

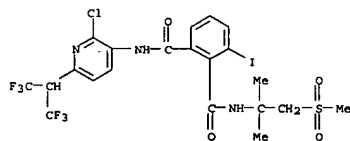


RN 476336-89-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

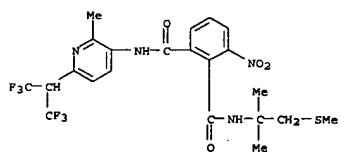
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476336-93-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

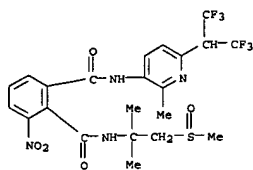


RN 476336-94-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

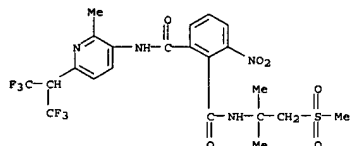


RN 476336-95-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

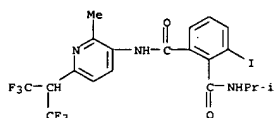
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476336-96-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

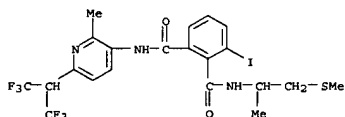


RN 476336-97-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-[1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

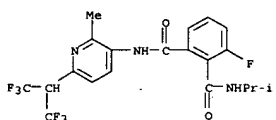


RN 476336-98-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)

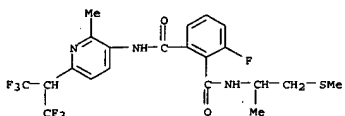
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
 (CA INDEX NAME)



RN 476337-02-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-fluoro-N2-[1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

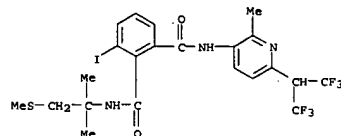


RN 476337-03-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-fluoro-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
 (CA INDEX NAME)

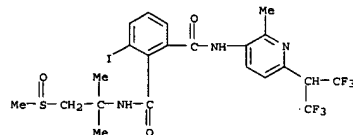


RN 476337-04-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
 (CA INDEX NAME)

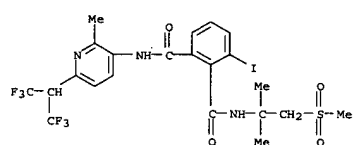
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 (CA INDEX NAME)



RN 476336-99-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

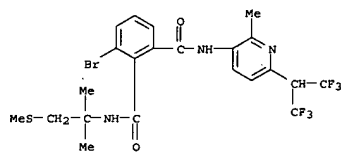


RN 476337-00-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

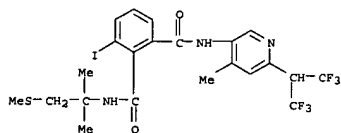


RN 476337-01-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-

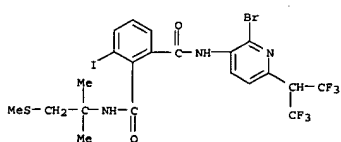
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476337-05-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
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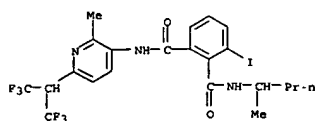


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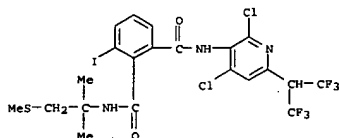


RN 476337-07-2 CAPLUS  
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 3-iodo-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

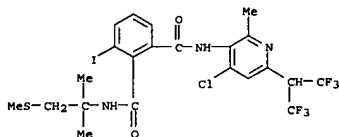
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476337-08-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2,4-dichloro-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

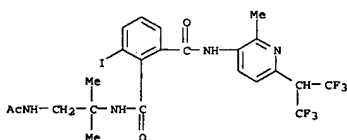


RN 476337-09-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-chloro-2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



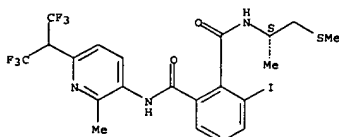
RN 476337-10-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[2-methoxy-1-methylethyl]-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



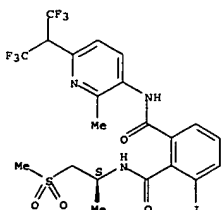
RN 476337-14-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[(1S)-1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 476337-15-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[(1S)-1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

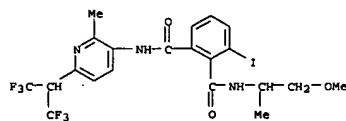
Absolute stereochemistry.



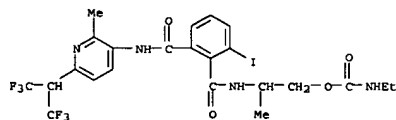
RN 476337-16-3 CAPLUS

Habte

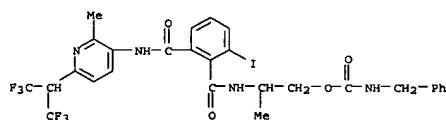
L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 476337-11-8 CAPLUS  
 CN Carbamic acid, ethyl-, 2-[[2-iodo-6-[[[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



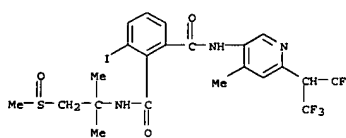
RN 476337-12-9 CAPLUS  
 CN Carbamic acid, (phenylmethyl)-, 2-[[2-iodo-6-[[[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



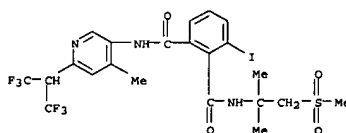
RN 476337-13-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[2-(acetylamino)-1,1-dimethylethyl]-3-iodo-N1-[2-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[4-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 476337-17-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[4-methyl-6-[(2,2,2-trifluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



9/04/2003

L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)  
 ACCESSION NUMBER: 2002:465997 CAPLUS  
 DOCUMENT NUMBER: 137:47194  
 TITLE: Preparation of substituted heterocyclic phthalic acid diamide arthropodocides  
 INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul  
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA  
 SOURCE: PCT Int. Appl., 225 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

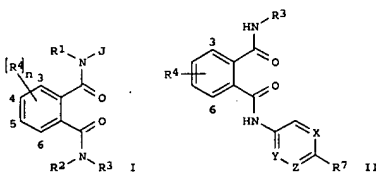
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048137	A2	20020620	WO 2001-US47572	20011205
WO 2002048137	A3	20030605		

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

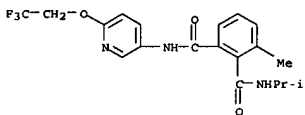
AU 2002028938 A5 20020624 AU 2002-28938 20011205  
 PRIORITY APPL. INFO.: US 2000-254636P P 20001211  
 US 2001-324012P P 20010921  
 WO 2001-US47572 W 20011205

OTHER SOURCE(S): MARPAT 137:47194  
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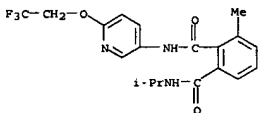


AB The title compds. [I; J = (un)substituted pyrazolyl, pyridyl, pyrimidyl, etc.; R1 = H, alkyl, alkoxy, carbonyl, alkylcarbonyl; R2 = H, alkyl; R3 = alkyl, alkenyl, etc.; one R4 is attached to the Ph ring at the 3-position

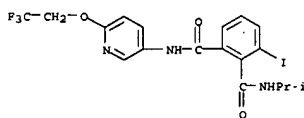
L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)  
 1,2-Benzenedicarboxamide, 3-methyl-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



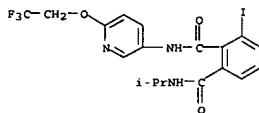
RN 437711-14-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-methyl-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)  
 or 6-position, and said R4 = alkyl, haloalkyl, halo, etc.; an optional second R4 = H, alkyl, cycloalkyl, etc.; n = 1-2], useful for controlling invertebrate pests, were prep'd. E.g., a multi-step synthesis of 3-iodo-II  
 [R3 = iso-Pr; R4 = 3-I; R7 = OCH2CF3; X = CH; Y = CH; Z = N] and 6-iodo-II  
 [R3 = iso-Pr; R4 = 6-I; R7 = OCH2CF3; X = CH; Y = CH; Z = N], was given. Both compds., 3-iodo-II and 6-iodo-II, were evaluated for control of diamondback moth in a container with radish plant, and both provided excellent levels of plant protection (10% or less feeding damage). Also disclosed are compns. for controlling an invertebrate pest comprising a biol. effective amt. of a compd. I and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biol. effective amt. of a compd. I (e.g., as a compn. described herein).  
 IT 437711-11-0P 437711-12-1P 437711-13-2P  
 437711-14-3P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);  
 USES  
 (Uses)  
 (prepn. of substituted heterocyclic phthalic acid diamide arthropodocides)  
 RN 437711-11-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 437711-12-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-(1-methylethyl)-N2-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 437711-13-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-methyl-N2-(1-methylethyl)-N1-[6-(2,2,2-trifluoroethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS ON STN  
 ACCESSION NUMBER: 2001:816609 CAPLUS  
 DOCUMENT NUMBER: 135:344284  
 TITLE: Process for the preparation of 2-halobenzoic acids by palladium-catalyzed regioselective halogenation of benzoic acids  
 INVENTOR(S): Kodama, Hiroki; Katsuhira, Takeshi; Nishida, Tateki; Hino, Tomokazu; Teubata, Kenji  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 29 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083421	A1	20011108	WO 2001-JP3707	20010427

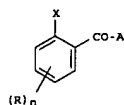
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001052638 A5 20011112 AU 2001-52638 20010427  
 EP 1277726 A1 20030122 EP 2001-926032 20010427  
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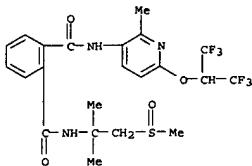
JP 2002338516 A2 20021127 JP 2001-134049 20010501  
 PRIORITY APPL. INFO.: JP 2000-131032 A 20000428  
 JP 2001-76073 A 20010316  
 WO 2001-JP3707 W 20010427

OTHER SOURCE(S): CASREACT 135:344284; MARPAT 135:344284  
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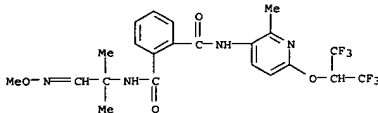


AB A process for the prepn. of 2-halobenzoic acids of the general formula [I; A is OH, OM (wherein M is an alkali metal), or NR6R7 (wherein R6 and R7 are each H, Cl-6 alkyl, optionally substituted Ph, or the like); R is H, Cl-6 alkyl, Cl-6 alkylcarbonyl, carboxyl, Cl-12 alkoxy, carbonyl, optionally substituted phenylcarbonyl, or the like; n is 0 to 4; and X is Cl, Br, or iodo, or alternatively nR's may be present on benzene-constituting carbon

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 atoms adjacent to each other and form a C3-4 alkylene or C3-4 alkenylene-fused ring.) is characterized by reacting a benzoic acid of the general formula I (X = H; A, R, n = same as above) with a halogenating agent in the presence of a Pd catalyst. This process provides regioselective halogenation under mild conditions. Thus, 0.3 g o-toluic acid, 0.5 g N-iodosuccinimide, and 11 mL DMF were added to 50 mg Pd(OAc)<sub>2</sub> in a 50 mL glass reaction vessel and stirred at 100 degree. for 6 h to give 92% 2-iodo-6-methylbenzoic acid with 100% regioselectivity.  
 IT 317812-34-3, 2-(((1,1-Dimethyl-2-methylsulfinylethyl)amino)carbonyl)-N-(6-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-2-methylpyridin-3-yl)benzamide 317771-47-0, 2-(((1,1-Dimethyl-2-(methoxyimino)ethyl)amino)carbonyl)-N-(6-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-2-methylpyridin-3-yl)benzamide  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (prepn. of 2-halobenzoic acids by regioselective halogenation of benzoic acids in presence of palladium compd.)  
 RN 317812-34-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N-(1,1-dimethyl-2-(methylsulfinylethyl)-N'-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-9CI) (CA INDEX NAME)



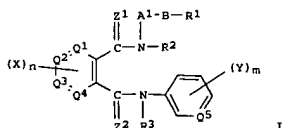
RN 317771-47-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1,1-dimethylethyl]-N'-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-9CI) (CA INDEX NAME)



IT 317812-12-7P, 2-(((1,1-Dimethyl-2-methylsulfinylethyl)amino)carbonyl)-N-(6-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-2-methylpyridin-3-yl)-3-

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 ACCESSION NUMBER: 2001:472653 CAPLUS  
 DOCUMENT NUMBER: 135:76795  
 TITLE: Preparation of aromatic and heteroaromatic diamide derivatives as insecticides  
 INVENTOR(S): Tohnishi, Masanori; Kohno, Eiji; Nakao, Hayami; Nishida, Tateki; Furuya, Takashi; Shimizu, Toshiaki; Seo, Akira; Sakata, Kazuyuki; Fujioka, Shinsuke  
 PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan  
 SOURCE: PCT Int. Appl., 105 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

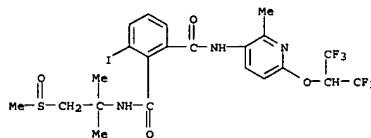
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046124	A1	20010628	WO 2000-JP9146	20001222
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001022229	A5	20010703	AU 2001-22229	20001222
JP 2001240580	A2	20010904	JP 2000-390649	20001222
BR 2000016573	A	200020903	BR 2000-16573	20001222
EP 1241159	A1	200020918	EP 2000-985836	20001222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.: JP 1999-365408 A 19991222 WO 2000-JP9146 W 20001222				
OTHER SOURCE(S): MARPAT 135:76795				
GI				



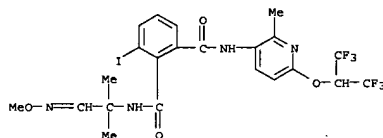
AB The title compds. I (A1 is optionally substituted C1-8 alkylene, C3-8 alkenylene, or the like; B is O or N(R4) (wherein R4 is H, C1-6 alkyl, halo C1-6 alkyl, or the like); R1 is H, C1-6 alkyl, optionally substituted Ph, an optionally substituted heterocyclic group, or the like; R2 and R3 are each H, C3-6 cycloalkyl, or A2R8 (wherein A2 is CO, CS, or C(NR9);

Have

L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 iodobenzamide 317771-48-1P, 2-(((1,1-Dimethyl-2-(methoxyimino)ethyl)amino)carbonyl)-N-(6-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-2-methylpyridin-3-yl)-3-iodobenzamide  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of 2-halobenzoic acids by regioselective halogenation of benzoic acids in presence of palladium compd.)  
 RN 317812-12-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-9CI) (CA INDEX NAME)

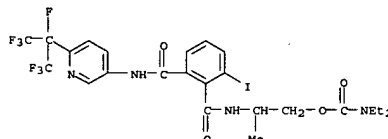


RN 317771-48-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[2-(methoxyimino)-1,1-dimethylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]-9CI) (CA INDEX NAME)

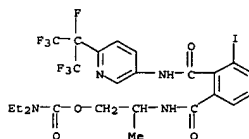


REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 and R8 and R9 are each H, C1-6 alkyl, or the like; Q1 to Q5 are each carbon or nitrogen; X and Y are each halogeno, cyano, nitro, C3-6 cycloalkyl, optionally substituted Ph, an optionally substituted heterocyclic group, or the like; n is 0 to 4; m is 1 to 5; and Z1 and Z2 are each O or S; are prepd. Comps. of this invention at 50 ppm gave 90% to 99% control of Plutella xylostella and of Spodoptera litura.  
 IT 346575-50-6P 346575-51-7P 346575-52-8P  
 346575-53-9P 346575-54-0P 346575-55-1P  
 346575-56-2P 346575-57-3P 346575-58-4P  
 346575-59-5P 346575-60-8P 346575-61-9P  
 346575-62-0P 346575-63-1P 346575-64-2P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of arom. and heteroarom. diamide derivs. as insecticides)  
 RN 346575-50-6 CAPLUS  
 CN Carbamic acid, diethyl-, 2-[[[2-iodo-6-[[[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



RN 346575-51-7 CAPLUS  
 CN Carbamic acid, diethyl-, 2-[[[3-iodo-2-[[[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

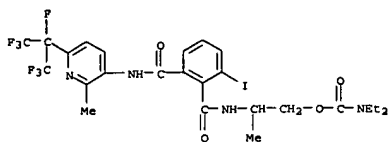


RN 346575-52-8 CAPLUS  
 CN Carbamic acid, diethyl-, 2-[[[2-iodo-6-[[[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

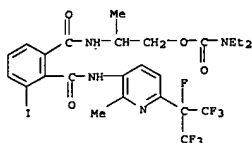
9/04/2003



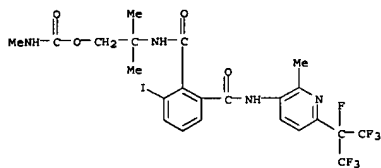
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 346575-53-9 CAPLUS  
 CN Carbamic acid, diethyl-,  
 2-[[[2-iodo-2-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

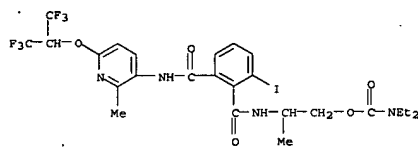


RN 346575-54-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

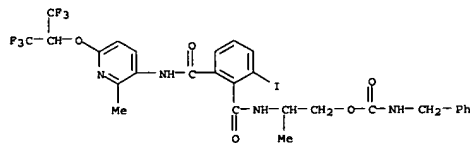


RN 346575-55-1 CAPLUS

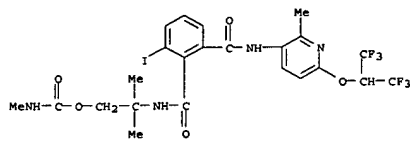
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 346575-59-5 CAPLUS  
 CN Carbamic acid, (phenylmethyl)-, 2-[[[2-iodo-6-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

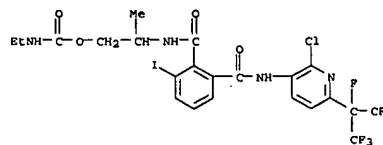


RN 346575-60-8 CAPLUS  
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 N2-[1,1-dimethyl-2-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

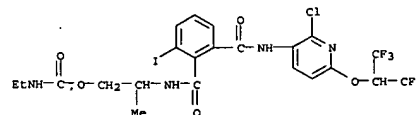


RN 346575-61-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[1,1-dimethyl-2-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

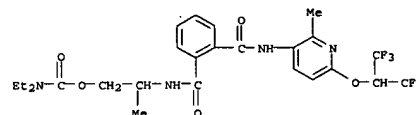
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 CN Carbamic acid, ethyl-, 2-[[[2-[[[2-chloro-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)



RN 346575-56-2 CAPLUS  
 CN Carbamic acid, ethyl-, 2-[[[2-[[[2-chloro-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

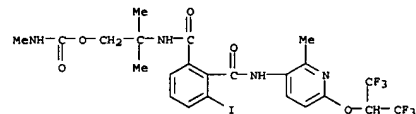


RN 346575-57-3 CAPLUS  
 CN Carbamic acid, diethyl-, 2-[[[2-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

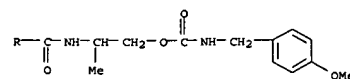
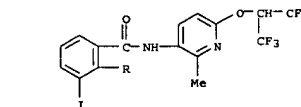


RN 346575-58-4 CAPLUS  
 CN Carbamic acid, diethyl-, 2-[[[2-iodo-6-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

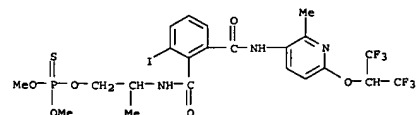
L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 346575-62-0 CAPLUS  
 CN Carbamic acid, [(4-methoxyphenyl)methyl]-, 2-[[[2-iodo-6-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl ester (9CI) (CA INDEX NAME)

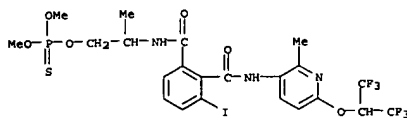


RN 346575-63-1 CAPLUS  
 CN Phosphorothioic acid, O-[2-[[[2-iodo-6-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl] O,O-dimethyl ester (9CI) (CA INDEX NAME)



RN 346575-64-2 CAPLUS  
 CN Phosphorothioic acid, O-[2-[[[2-iodo-6-[[[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]amino]carbonyl]benzoyl]amino]propyl] O,O-dimethyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:228847 CAPLUS

DOCUMENT NUMBER:

DOCUMENT NUMBER: 134-123567  
TITLE: Preparation and effect of aromatic diamide derivatives

**INVENTOR(S) :**

or salts as agricultural/horticultural insecticides  
Tohnishi, Masanori; Nakao, Hayami; Kohno, Eiji;  
Nishida, Tateki; Furuya, Takashi; Shimizu, Toshiaki  
Seo, Akira; Sakata, Kazuyuki; Fujioka, Shinsuke;

**PATENT ASSIGNEE(S) :**

Kanno, Hideo  
Nihon Nohyaku Co. Ltd. Japan

**SOURCE:**

PCT Int. Appl. 86 pp.

**SOURCE:**

PCT TAC.  
CODEN: P

DOCUMENT

EVIDENCE: P  
PATENT

LANGUAGE:

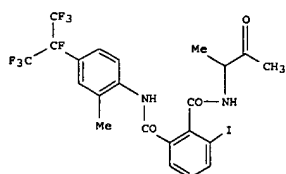
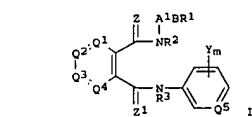
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FAMILY ACC. NUM. CO

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021576	A1	20010329	WO 2000-JP6514	20000922
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KR, KZ, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TZ, TZ, UZ, UY, US, UZ, VN, YU, ZA, ZW, AM, AE, BY, KG, KZ, MD, RU, SJ, TM			
RN:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, CA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1215200	A1	20020619	EP 2000-961197	20000922
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
JP 2000014129	A	20020820	JP 2000-14139	20000922
BR 2001158764	A2	20010612	JP 2000-290844	20000925
PRIORITY APPLN. INFO.:			JP 1999-270582	A 19990924
			WO 2000-JP6514	W 20000922
SR SOURCE(S):	MARPAT 134:252360			

OTHER SOURCE(S) :  
GI

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



AB Title compds. [I; wherein A1 represents alkylene, alkenylene or alkynylene; B represents, CO, or CH(N); R1 to R3 represent each H, CH3, CH2CH3, OCH2CH3, NHEt, NEt2, OMe, etc.; Q1-Q5 independently = CX, CH, N; X = 3-F, 3-Cl, 3-Br, 3-I, 6-I, 3-CF3, 3-COCF3, 3-NO2; Y represents halogeno, etc.; m is from 0 to 5; Z = 0, S; Z1 = 0, S] or salts thereof and agricultural/horticultural chema. contg. the same as the active ingredient

are prepd. as insecticides. Thus, the title compd. II was prepd. and tested.

IT 331685-76-8P 331685-77-9P 331685-78-0P  
331685-79-1P 331685-80-4P 331685-81-5P  
331685-82-6P 331685-83-7P 331685-84-8P  
331685-85-9P 331685-86-0P 331685-87-1P  
331685-88-2P 331685-89-3P 331685-90-6P  
331685-91-7P 331685-92-8P 331685-93-9P  
331685-94-0P 331685-95-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and effect of arom. diamide derive. or salts as agricultural horticultural insecticides)

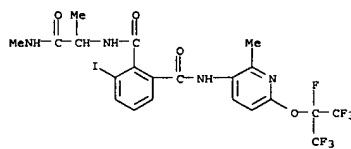
RN 331685-76-8 CAPLUS

CN 1,2-Benzenedicarboxamide,

3-iodo-N2-[1-methyl-2-(methylamino)-2-oxoethyl]-

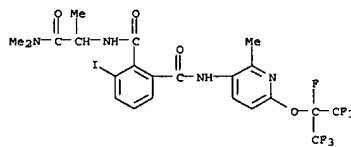
N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



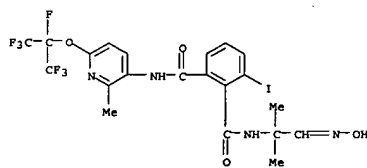
RN 331685-77-9 CAPLUS

1,2-Benzenedicarboxamide, N2-[2-(dimethylamino)-1-methyl-2-oxoethyl]-3-iodo-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 331685-78-0 CAPLUS

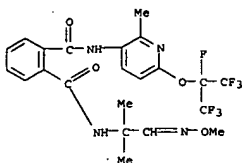
1,2-Benzenedicarboxamide, N2-[2-(hydroxyimino)-1,1-dimethylethyl]-3-iodo-  
N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-  
pyridinyl]- (9CI) (CA INDEX NAME)



RN 331685-79-1 CAPLUS

1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1,1-dimethylethyl]-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl)-(9CI) (CA INDEX NAME)

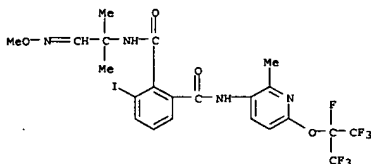
L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



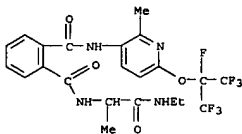
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RN      331685-80-4  CAPLUS
CN      1,2-Benzenedicarboxamide, 3-iodo-N2-[2-(methoxyimino)-1,1-dimethylethyl]-
        N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy)-3-
        pyridinyl]- (9CI)  (CA INDEX NAME)

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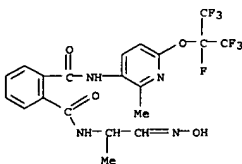


RN	331685-81-5	CAPLUS
CN	1,2-Benzenedicarboxamide, N-[2-(ethylamino)-1-methyl-2-oxoethyl]-N'-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)	

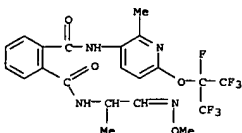


RN 331685-82-6 CAPLUS  
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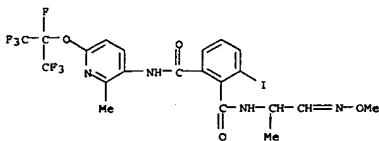
L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 331685-85-9 CAPLUS  
CN 1,2-Benzenedicarboxamide,  
N-[2-(methoxyimino)-1-methylethyl]-N'-[2-methyl-  
6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI)  
(CA  
INDEX NAME)

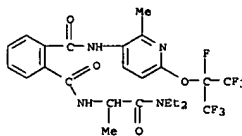


RN 331685-86-0 CAPLUS  
CN 1,2-Benzenedicarboxamide,  
3-iodo-N2-[2-(methoxyimino)-1-methylethyl]-N1-[2-  
methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

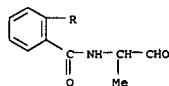
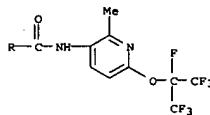


RN 331685-87-1 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-[2-(ethylamino)-1-methyl-2-oxoethyl]-N'-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

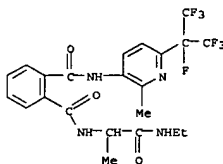


RN 331685-83-7 CAPLUS  
CN 1,2-Benzenedicarboxamide,  
N-(1-methyl-2-oxoethyl)-N'-[2-methyl-6-[1,2,2,2-  
tetrafluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX  
NAME)

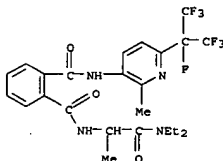


RN 331685-84-8 CAPLUS  
CN 1,2-Benzenedicarboxamide,  
N-[2-(hydroxyimino)-1-methylethyl]-N'-[2-methyl-  
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(CA  
INDEX NAME)

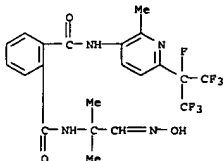
L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN	331685-88-2	CAPLUS
CN	1,2-Benzenedicarboxamide, N-[2-(diethylamino)-1-methyl-2-oxoethyl]-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)- (9CI) (CA INDEX NAME)	

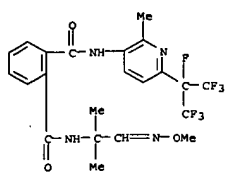


RN 331685-89-3 CAPLUS  
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(9CI) (CA INDEX NAME)

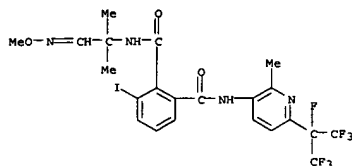


RN 331685-90-6 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-[2-(methoxyimino)-1,1-dimethylethyl]-N'-(2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl)-(9CI) (CA INDEX NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

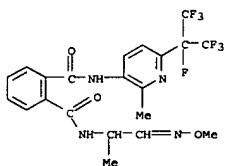


RN 331685-91-7 CAPLUS  
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 N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

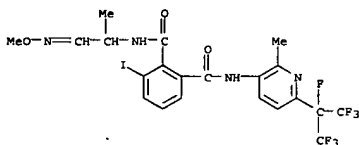


RN 331685-92-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N-(1-methyl-2-oxoethyl)-N'-[2-methyl-6-[1,2,2,2-  
 tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX  
 NAME)

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

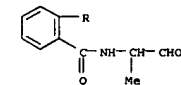
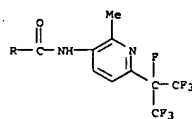


RN 331685-95-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-[2-(methoxyimino)-1-methylethyl]-N1-[2-  
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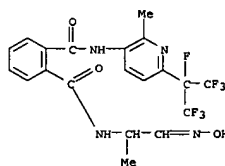


REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR  
 THIS  
 FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 331685-93-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N-[2-(hydroxyimino)-1-methylethyl]-N'-[2-methyl-  
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 INDEX NAME)

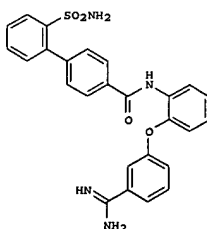


RN 331685-94-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N-[2-(methoxyimino)-1-methylethyl]-N'-[2-methyl-  
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 INDEX NAME)

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:208239 CAPLUS  
 DOCUMENT NUMBER: 134:252153  
 TITLE: Preparation of benzamides as inhibitors of factor Xa  
 INVENTOR(S): Zhu, Bing-yan; Zhang, Penglie; Wang, Lingyan; Huang,  
 Wenrong; Goldman, Eric; Li, Wenhao; Zuckett, Jingmei;  
 Song, Yonghong; Scarborough, Robert  
 PATENT ASSIGNEE(S): Cor Therapeutics, Inc., USA  
 SOURCE: PCT Int. Appl., 224 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 6  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001019788	A2	20010322	WO 2000-US25196	20000915
WO 2001019788	A3	20010809		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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JP 2003509406	T2	20030311	JP 2001-523368	20000915
NO 2002001229	A	20020521	NO 2002-1229	20020312
PRIORITY APPLN. INFO.: US 1999-154332P P 19990917				
US 2000-185746P P 20000229				
WO 2000-US25196 W 20000915				
OTHER SOURCE(S): MARPAT 134:252153				
GI				



9/04/2003

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L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

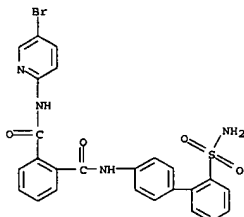
AB The title compds. AQDEGJX [A = alkyl, cycloalkyl, (un)substituted Ph, etc.; Q = a direct link, CH<sub>2</sub>, CO, etc.; D = a direct link, (un)substituted Ph, naphthyl, etc.; E = a direct link, O, alkyl, etc.; G = alkenylene, cycloalkenylene, phenylene, etc.; J = a direct link, O, S, etc.; X = a (un)substituted Ph, naphthyl, heteroaryl, etc.] having activity against mammalian factor Xa (no data), and useful in vitro or in vivo for preventing or treating coagulation disorders, were prep'd. E.g., a 4-step synthesis of the benzamide I was given.

IT 330942-29-5P 330942-30-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of benzamides as inhibitors of factor Xa)

RN 330942-29-5 CAPLUS

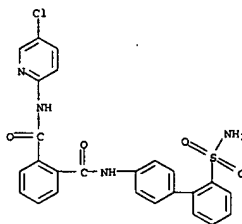
CN 1,2-Benzenedicarboxamide, N-[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]-N'-(5-bromo-2-pyridinyl)- (9CI) (CA INDEX NAME)



RN 330942-30-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N-[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



*own work*

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:36280

DOCUMENT NUMBER: 134:86280

TITLE: Preparation of N-heterocyclylphthalamide derivatives, intermediates in the production thereof, and agricultural/horticultural insecticides and method of using the same

INVENTOR(S): Machiya, Kouzou; Endoh, Kazuyoshi; Furuya, Takashi; Nakao, Hayami; Gotoh, Makoto; Kohno, Eiji; Tohnishi, Masanori; Sakata, Kazuyuki; Morimoto, Masayuki; Seo, Akira

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 165 pp. CODEN: PIXXD2 Patent

DOCUMENT TYPE: Japanese

LANGUAGE: Japanese

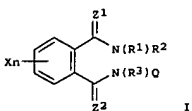
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001002354	A1	20010111	WO 2000-JP444	20000704
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, IS, IL, IN, IS, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RM:	GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1193254	A1	20020403	EP 2000-94273	20000704
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
BR 2000012224	A	20020528	BR 2000-12224	20000704
EG 22172	A	20021031	EG 2000-874	20000704
JP 2001335563	A2	20011204	JP 2000-204178	20000705
PRIORITY APPLN. INFO.:			JP 1999-190746	A 19990705
			JP 2000-80991	A 20000322
			WO 2000-JP444	W 20000704

OTHER SOURCE(S): MARPAT 134:86280

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AB Heterocyclic amine derivs. represented by general formula [I; R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> = H, optionally halogenated C<sub>3</sub>-6 cycloalkyl, A<sub>1</sub>-(G)<sub>r</sub> (wherein A<sub>1</sub> = C<sub>1</sub>-8 alkylene, C<sub>3</sub>-6 alkenylene, C<sub>3</sub>-6 alkynylene; G = H, halo, cyano, NO<sub>2</sub>, halo-C<sub>1</sub>-6 alkyl, C<sub>3</sub>-6 cycloalkyl etc.; r = 1-4); or R<sub>1</sub> and R<sub>2</sub> are linked

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L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

to each other to form a 4- to 7-membered ring optionally interrupted by same or different 1-3 hetero atoms selected from O, S, and N; Q = an optionally substituted heterocycle contg. O, S or N; X = halogeno, cyano, halo-C<sub>1</sub>-6 alkyl, etc.; n = 1 to 4; Z<sub>1</sub>, Z<sub>2</sub> = O, S) and intermediates thereof represented by the following general formula Q'-NH<sub>2</sub> (wherein Q' represents a definite heterocycle selected from among those represented

by Q) are prep'd. The compds. I are useful as agricultural/horticultural insecticides having a remarkable effect of controlling pest insects of crops such as rice, fruit trees and vegetables, as well as various agricultural, forestry, horticultural and stored grain pest insects. Thus, isopropylamine was added to a soln. of N-(4-methyl-3-trifluoromethylisoxazol-5-yl)-3-iodophthalimide (prepn. given) in dioxane and stirred at room temp. for 3 h to give N1-(4-methyl-3-trifluoromethylisoxazol-5-yl)-N2-isopropyl-3-iodophthalimide, which at 1,000 ppm controlled the hatching of *Plutella xylostella* *Plutella xylostella* konaga eggs on cabbage by 90-99%.

IT 317811-36-2P 317811-37-3P 317811-38-4P

317811-39-5P 317811-40-8P 317811-41-9P

317811-42-0P 317811-43-1P 317811-44-2P

317811-45-3P 317811-46-4P 317811-47-5P

317811-48-6P 317811-49-7P 317811-50-0P

317811-51-1P 317811-52-2P 317811-53-3P

317811-54-4P 317811-55-5P 317811-56-6P

317811-57-7P 317811-58-8P 317811-59-9P

317811-60-2P 317811-61-3P 317811-62-4P

317811-63-5P 317811-64-6P 317811-65-7P

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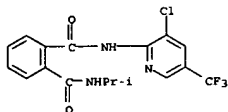
9/04/2003

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

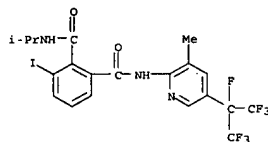
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 317813-06-2P 317813-07-3P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of N-heterocyclylphthalamide deriva. as agricultural and horticultural insecticides)

RN 317811-36-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-N'-  
 (1-methylethyl)- (9CI) (CA INDEX NAME)

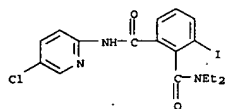


RN 317811-37-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[3-methyl-5-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

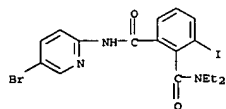


RN 317811-38-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-3-iodo-N1-[3-methyl-5-(pentafluoroethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)

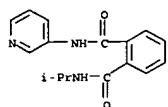
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



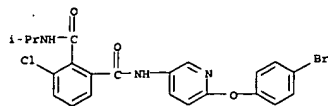
RN 317811-42-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-(5-bromo-2-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-43-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N-(1-methylethyl)-N'-3-pyridinyl- (9CI) (CA INDEX NAME)



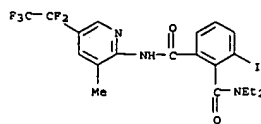
RN 317811-44-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-(4-bromophenoxy)-3-pyridinyl]-3-chloro-N2-  
 (1-methylethyl)- (9CI) (CA INDEX NAME)



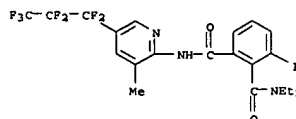
RN 317811-45-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[6-(2,4-dichlorophenoxy)-3-

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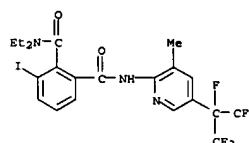
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-39-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2,N2-diethyl-N1-[5-(heptafluoropropyl)-3-methyl-  
 2-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)

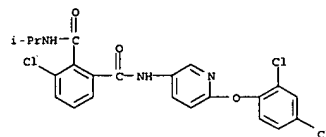


RN 317811-40-8 CAPLUS  
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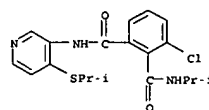


RN 317811-41-9 CAPLUS  
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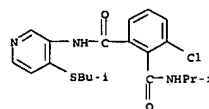
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



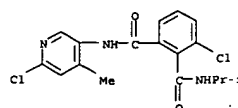
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RN 317811-47-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(1-methylethyl)-N1-[4-[(2-methylpropyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



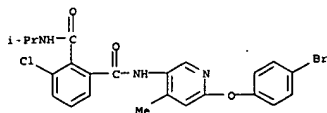
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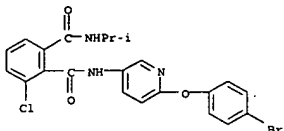
9/04/2003

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

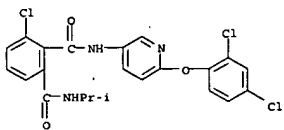
RN 317811-49-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-(4-bromophenoxy)-4-methyl-3-pyridinyl]-3-chloro-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317811-50-0 CAPLUS  
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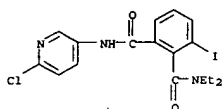
RN 317811-51-1 CAPLUS  
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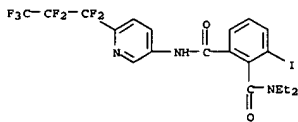
RN 317811-52-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-chloro-N1-(1-methylethyl)-N2-[6-[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

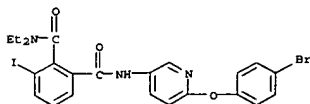
RN 317811-56-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-(6-chloro-3-pyridinyl)-N2,N2-diethyl-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-57-7 CAPLUS  
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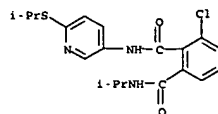


RN 317811-58-8 CAPLUS  
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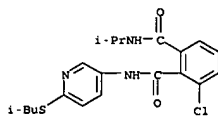


RN 317811-59-9 CAPLUS  
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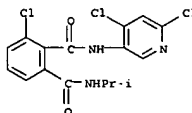
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



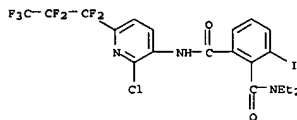
RN 317811-53-3 CAPLUS  
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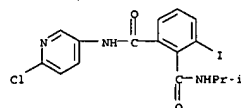
RN 317811-54-4 CAPLUS  
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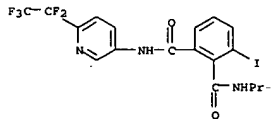
RN 317811-55-5 CAPLUS  
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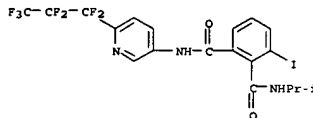
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



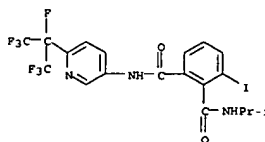
RN 317811-60-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[6-(pentafluoroethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-61-3 CAPLUS  
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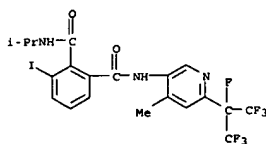
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 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

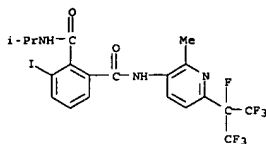
RN 317811-63-5 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[4-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



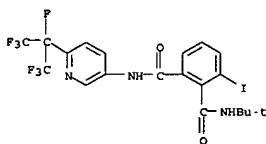
RN 317811-64-6 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

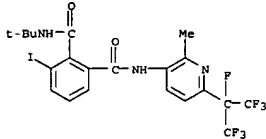


RN 317811-65-7 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

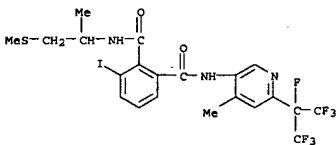


L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



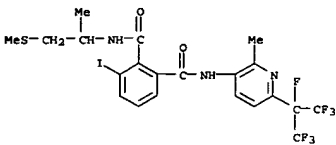
RN 317811-70-4 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methyl-2-(methylthio)ethyl)-N1-[4-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-71-5 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methyl-2-(methylthio)ethyl)-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-72-6 CAPLUS

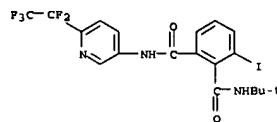
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

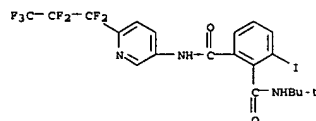
RN 317811-66-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[6-(pentafluoroethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



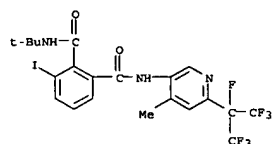
RN 317811-67-9 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-N1-[6-(heptafluoropropyl)-3-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-68-0 CAPLUS

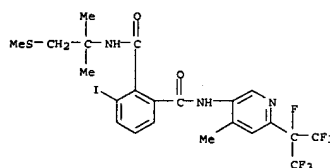
CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[4-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-69-1 CAPLUS

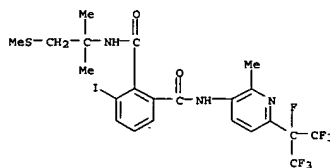
CN 1,2-Benzenedicarboxamide, N2-(1,1-dimethylethyl)-3-iodo-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



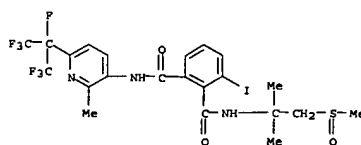
RN 317811-73-7 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317811-74-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]- (9CI) (CA INDEX NAME)

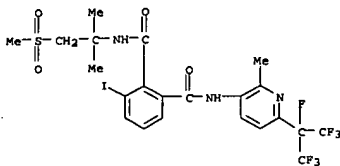


RN 317811-75-9 CAPLUS

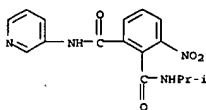
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-



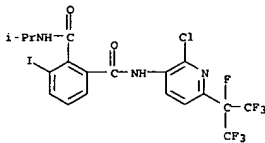
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-  
(9CI) (CA INDEX NAME)

RN 317811-76-0 CAPLUS

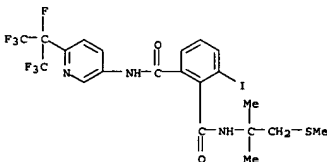
CN 1,2-Benzenedicarboxamide, N2-(1-methylethyl)-3-nitro-N1-3-pyridinyl-  
(9CI) (CA INDEX NAME)

RN 317811-77-1 CAPLUS

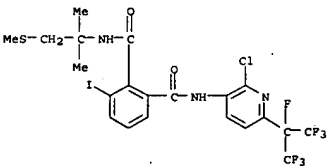
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI)  
(CA INDEX NAME)

RN 317811-78-2 CAPLUS

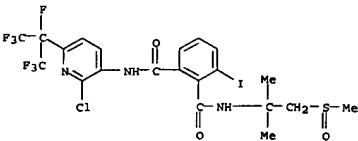
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-81-7 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-  
3-iodo- (9CI) (CA INDEX NAME)

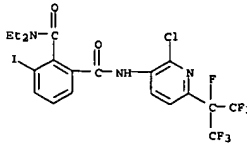
RN 317811-82-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-  
(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

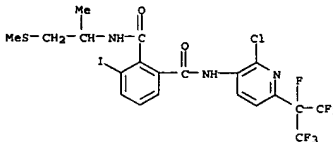
RN 317811-83-9 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-  
(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-N2,N2-diethyl-3-iodo- (9CI) (CA  
INDEX NAME)

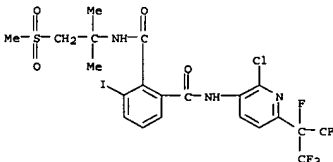
RN 317811-79-3 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,2,2,2-tetrafluoro-1-  
(trifluoromethyl)ethyl]-3-pyridinyl]-3-iodo-N2-[1-methyl-2-  
(methylthio)ethyl]- (9CI) (CA INDEX NAME)

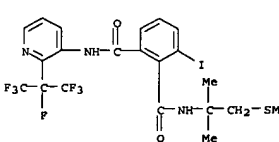
RN 317811-80-6 CAPLUS

CN 1,2-Benzenedicarboxamide,  
N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-  
[6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
(CA INDEX NAME)

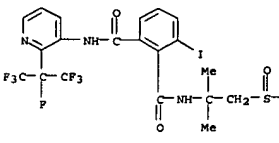
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-84-0 CAPLUS

CN 1,2-Benzenedicarboxamide,  
N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-  
[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
(CA INDEX NAME)

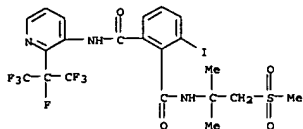
RN 317811-85-1 CAPLUS

CN 1,2-Benzenedicarboxamide,  
N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
N1-[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
(CA INDEX NAME)

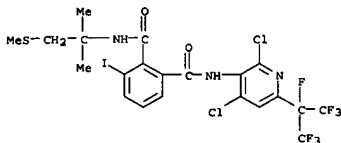
RN 317811-86-2 CAPLUS

CN 1,2-Benzenedicarboxamide,  
N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
N1-[2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI)  
(CA INDEX NAME)

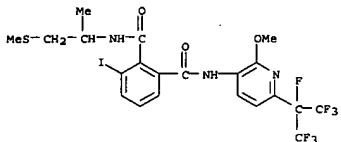
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-87-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2,4-dichloro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

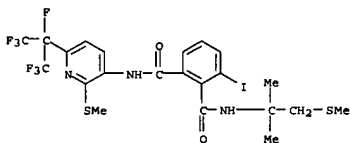


RN 317811-88-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-[1-methyl-2-(methylthio)ethyl]- (9CI) (CA INDEX NAME)

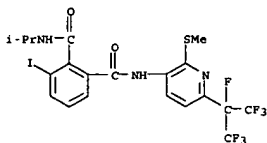


RN 317811-89-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

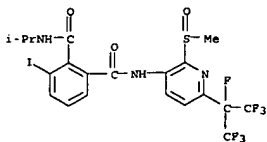
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-93-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-(methylthio)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

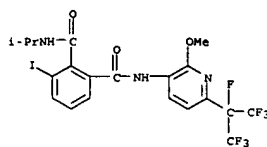


RN 317811-94-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-(methylsulfinyl)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

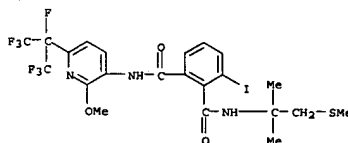


RN 317811-95-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-((difluoromethoxy)-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

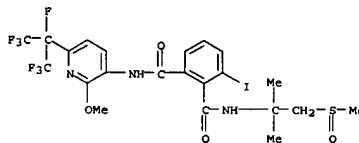
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317811-90-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

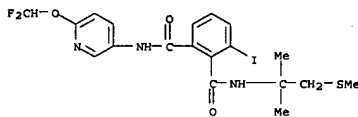


RN 317811-91-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-3-iodo-N1-[2-methoxy-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

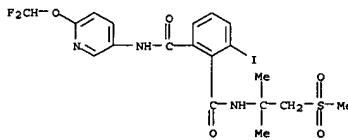


RN 317811-92-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-(methylthio)-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

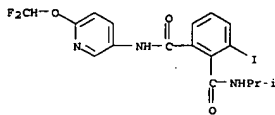
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



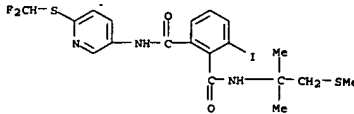
RN 317811-96-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-(difluoromethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



RN 317811-97-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-(difluoromethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317811-98-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-((difluoromethylthio)-3-pyridinyl)-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

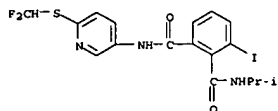


RN 317811-99-7 CAPLUS

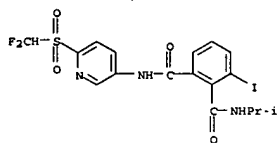
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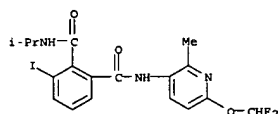
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-[(difluoromethyl)thio]-3-pyridinyl]-3-iodo-  
 N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317812-00-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-[(difluoromethyl)sulfonyl]-3-pyridinyl]-3-  
 iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

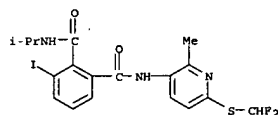


RN 317812-02-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-(difluoromethoxy)-2-methyl-3-pyridinyl]-3-  
 iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

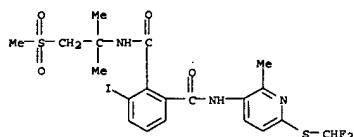


RN 317812-03-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-(difluoromethoxy)-2-methyl-3-pyridinyl]-N2-  
 [1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

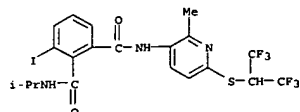
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-07-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-[(difluoromethyl)thio]-2-methyl-3-  
 pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA  
 INDEX NAME)



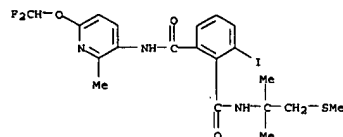
RN 317812-08-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-[[2,2,2-  
 trifluoro-1-(trifluoromethyl)ethyl]thio]-3-pyridinyl]- (9CI) (CA INDEX  
 NAME)



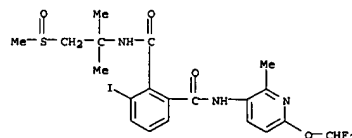
RN 317812-09-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-  
 [2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethyl]thio]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)



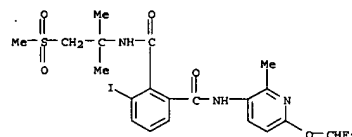
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-04-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-(difluoromethoxy)-2-methyl-3-pyridinyl]-N2-  
 [1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

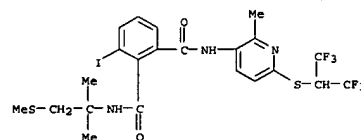


RN 317812-05-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N1-[6-(difluoromethoxy)-2-methyl-3-pyridinyl]-N2-  
 [1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

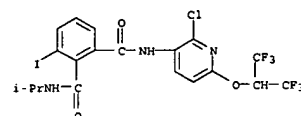


RN 317812-06-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[6-[(difluoromethyl)thio]-2-methyl-3-  
 pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

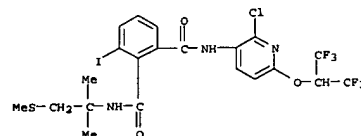
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



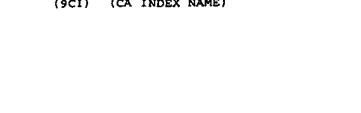
RN 317812-10-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[[2,2,2-trifluoro-1-  
 (trifluoromethyl)ethoxy]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI)  
 (CA INDEX NAME)



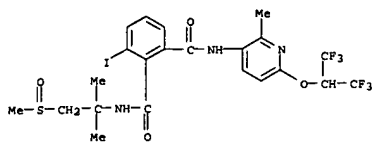
RN 317812-11-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[[2,2,2-trifluoro-1-  
 (trifluoromethyl)ethoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-  
 (methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



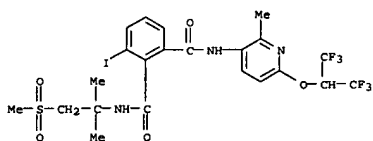
RN 317812-12-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[2-methyl-6-[[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)



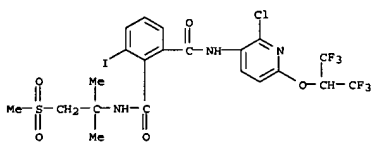
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-13-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

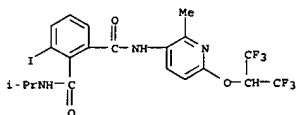


RN 317812-14-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

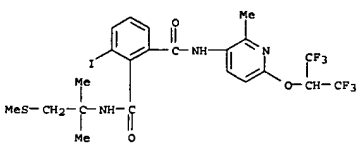


RN 317812-15-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methoxy-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

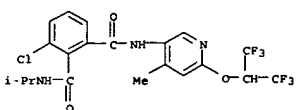
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-19-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methoxy-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

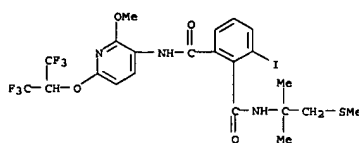


RN 317812-20-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-chloro-N2-(1-methylethyl)-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

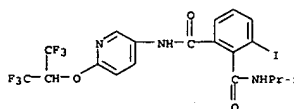


RN 317812-22-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-(1-methylethyl)-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

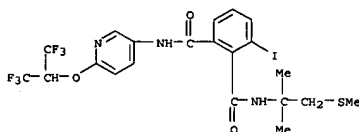
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-16-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-(1-methylethyl)-N1-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

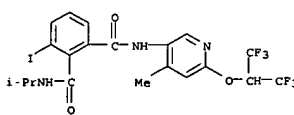


RN 317812-17-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

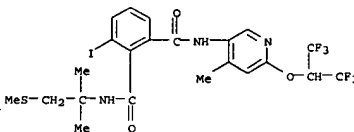


RN 317812-18-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

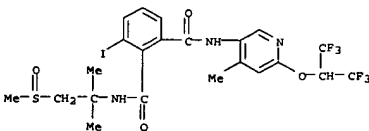
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-24-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

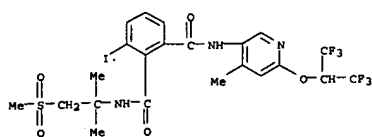


RN 317812-26-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

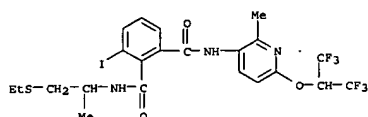


RN 317812-28-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide,  
 N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-  
 N1-[4-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-  
 (9CI) (CA INDEX NAME)

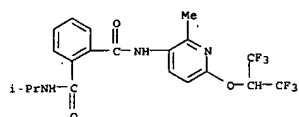
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-30-9 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[2-(ethylthio)-1-methylethyl]-3-iodo-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

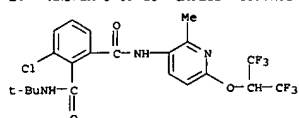


RN 317812-32-1 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-(1-methylethyl)-N'-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

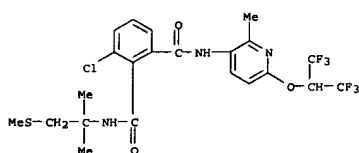


RN 317812-33-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-(1,1-dimethylethyl)-N'-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

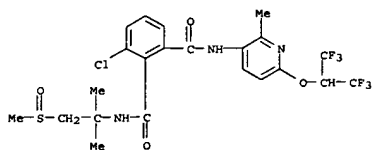
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-37-6 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

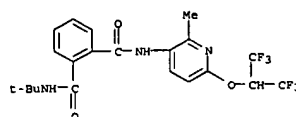


RN 317812-38-7 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

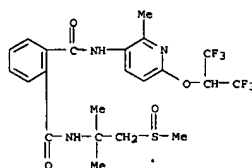


RN 317812-39-8 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

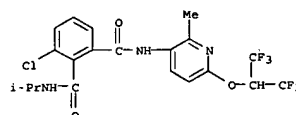
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-34-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-(1,1-dimethyl-2-(methylsulfonyl)ethyl)-N'-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

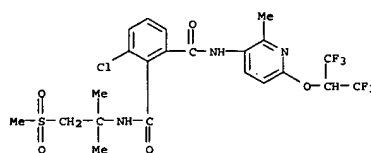


RN 317812-35-4 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

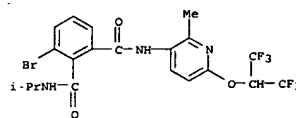


RN 317812-36-5 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N2-[1,1-dimethylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

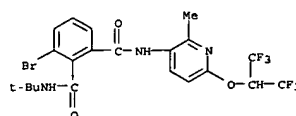
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-40-1 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

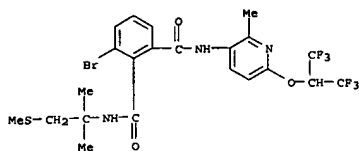


RN 317812-41-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

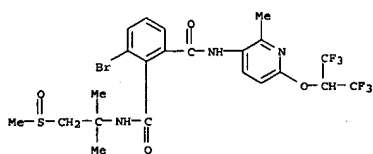


RN 317812-42-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1-methylethyl]-N1-[2-methyl-6-(2,2,2-trifluoro-1-(trifluoromethyl)ethoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

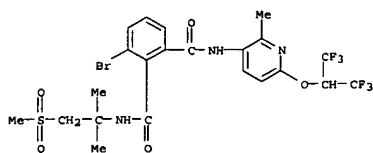
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-43-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-([1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

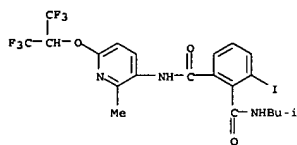


RN 317812-44-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-bromo-N2-([1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

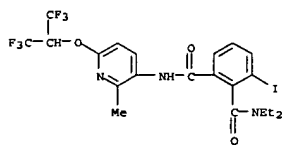


RN 317812-45-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-butyl-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-

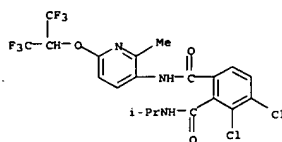
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-49-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

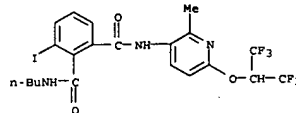


RN 317812-50-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

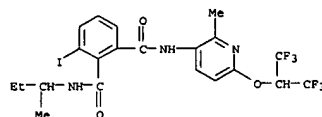


RN 317812-51-4 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

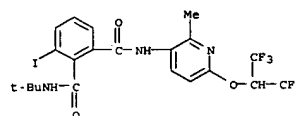
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-46-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

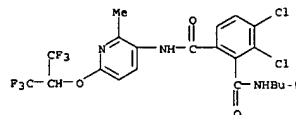


RN 317812-47-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-([1,1-dimethylethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

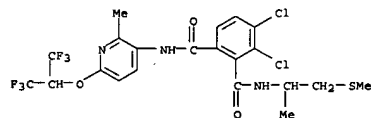


RN 317812-48-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-([2-methylpropyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)

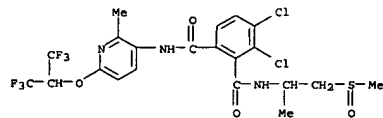
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



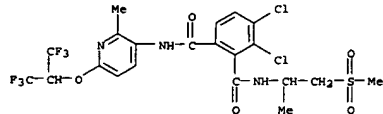
RN 317812-52-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)



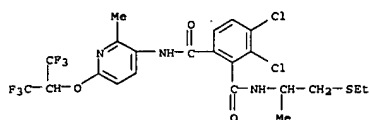
RN 317812-53-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)



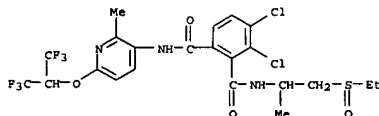
RN 317812-54-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-([1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl])-(9CI) (CA INDEX NAME)



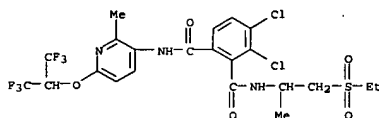
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 RN 317812-55-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[2-(ethylthio)-1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317812-56-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[2-(ethylsulfinyl)-1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

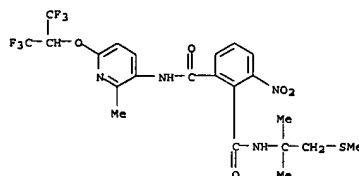


RN 317812-57-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[2-(ethylsulfonyl)-1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

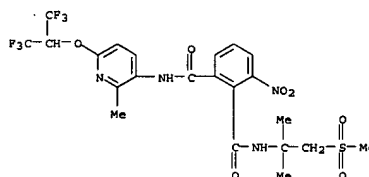


RN 317812-58-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-nitro-

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 (9CI) (CA INDEX NAME)

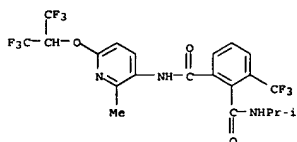


RN 317812-59-2 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-nitro- (9CI) (CA INDEX NAME)

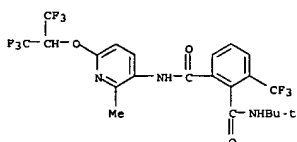


RN 317812-60-5 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1-methylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

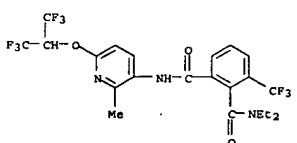
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-61-6 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethylethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

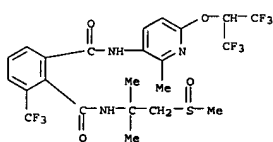


RN 317812-62-7 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2,N2-diethyl-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

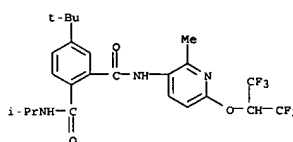


RN 317812-63-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-N1-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

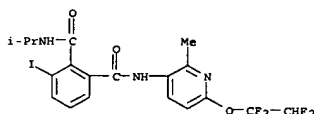
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-64-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 4-[1,1-dimethylethyl]-N1-[1-methylethyl]-N2-[2-methyl-6-[2,2,2-trifluoro-1-(trifluoromethyl)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



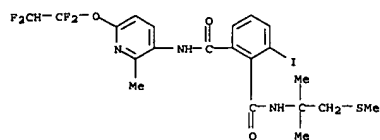
RN 317812-65-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methylethyl]-N1-[2-methyl-6-[2,2,2-tetrafluoroethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



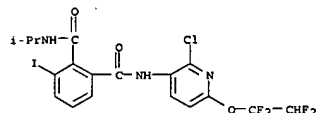
RN 317812-66-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[2,2,2-tetrafluoroethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)



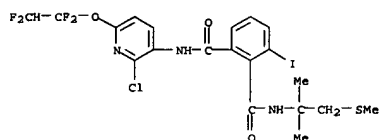
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-67-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

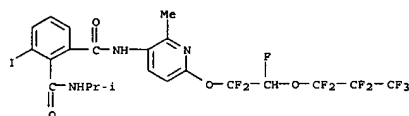


RN 317812-68-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

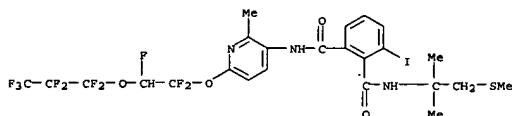


RN 317812-69-4 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2,2-tetrafluoroethoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

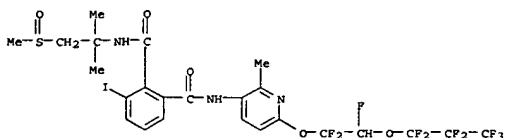
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-73-0 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

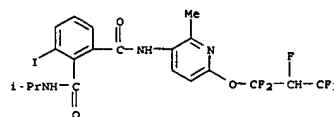


RN 317812-74-1 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

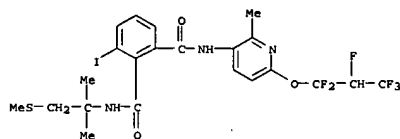


RN 317812-75-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-6-[1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

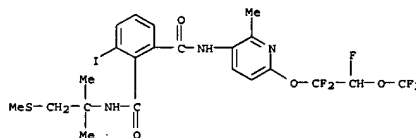
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-70-7 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[6-(1,1,2,3,3,3-hexafluoropropoxy)-2-methyl-3-pyridinyl]-3-iodo- (9CI) (CA INDEX NAME)

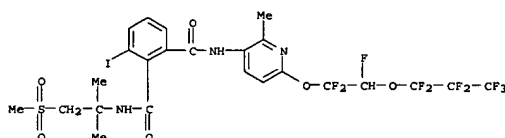


RN 317812-71-8 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

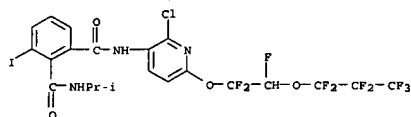


RN 317812-72-9 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy]-3-pyridinyl]- (9CI) (CA INDEX NAME)

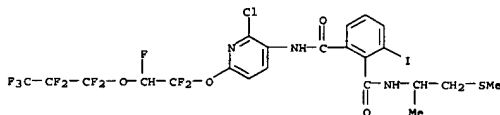
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



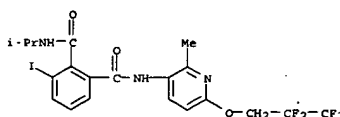
RN 317812-76-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy)-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 317812-77-4 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,1,2-trifluoro-2-(heptafluoropropoxy)ethoxy)-3-pyridinyl]-3-iodo-N2-[1-methyl-2-(methylthio)ethyl]- (9CI) (CA INDEX NAME)



RN 317812-78-5 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-(2,2,3,3,3-pentafluoropropoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

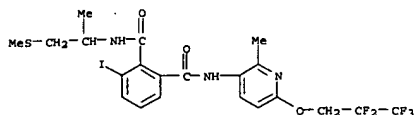




L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

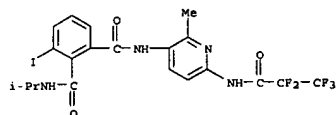
RN 317812-79-6 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methyl-2-(methylthio)ethyl]-N1-[2-methyl-6-(2,2,3,3,3-pentafluoropropoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)



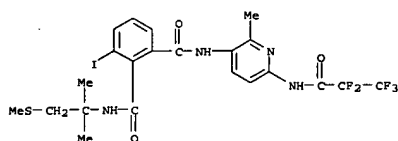
RN 317812-80-9 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-iodo-N2-[1-methylethyl]-N1-[2-methyl-6-[(2,2,3,3,3-pentafluoro-1-oxopropyl)amino]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317812-81-0 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo-N1-[2-methyl-6-[(2,2,3,3,3-pentafluoro-1-oxopropyl)amino]-3-pyridinyl]- (9CI) (CA INDEX NAME)



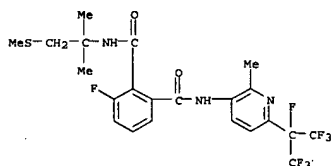
RN 317812-82-1 CAPLUS

CN 1,2-Benzenedicarboxamide, N1-(6-chloro-2-methyl-3-pyridinyl)-N2-[1,1-

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

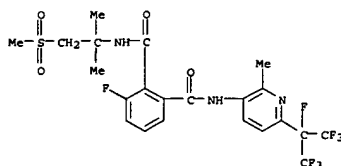
RN 317812-85-4 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-fluoro-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



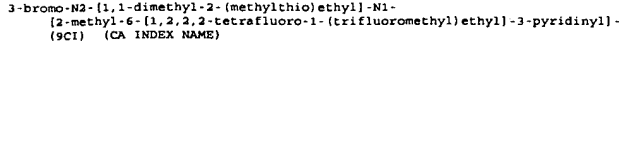
RN 317812-86-5 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-fluoro-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



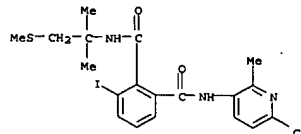
RN 317812-87-6 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



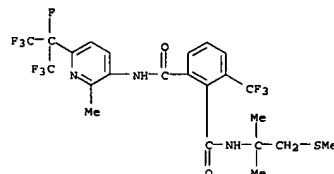
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



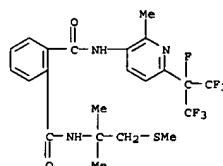
RN 317812-83-2 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

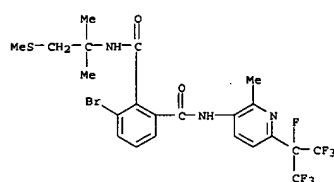


RN 317812-84-3 CAPLUS

CN 1,2-Benzenedicarboxamide, N-[1,1-dimethyl-2-(methylthio)ethyl]-N'-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)

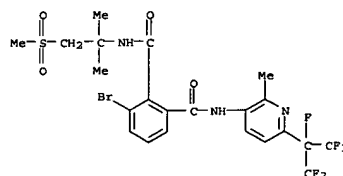


L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



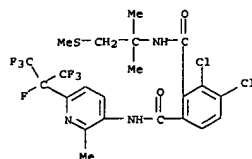
RN 317812-88-7 CAPLUS

CN 1,2-Benzenedicarboxamide, 3-bromo-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 317812-89-8 CAPLUS

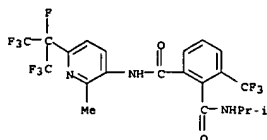
CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N2-[1,1-dimethyl-2-(methylthio)ethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]- (9CI) (CA INDEX NAME)



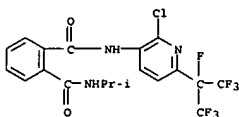
RN 317812-90-1 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1-methylethyl]-N1-[2-methyl-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-pyridinyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

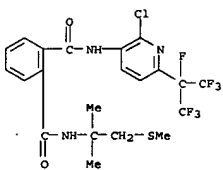
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
(9CI) (CA INDEX NAME)



RN 317812-91-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N'-(1-methylethyl)- (9CI) (CA INDEX NAME)

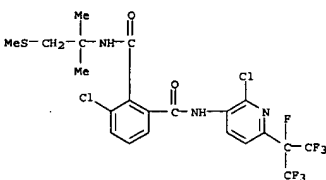


RN 317812-92-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, N-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N'-(1,1-dimethyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

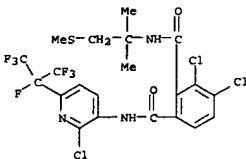


RN 317812-93-4 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]- (9CI) (CA INDEX NAME)

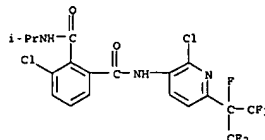


RN 317812-97-8 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3,4-dichloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]- (9CI) (CA INDEX NAME)

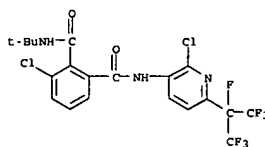


RN 317812-98-9 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

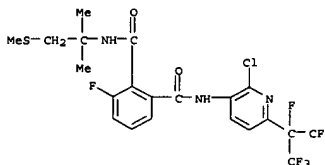
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
NAME)



RN 317812-94-5 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-chloro-N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-(1,1-dimethyl-2-(methylthio)ethyl)- (9CI) (CA INDEX NAME)

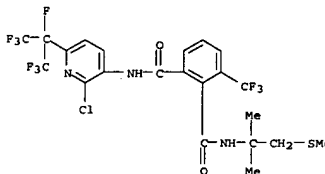


RN 317812-95-6 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-fluoro- (9CI) (CA INDEX NAME)

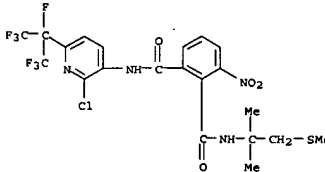


RN 317812-96-7 CAPLUS

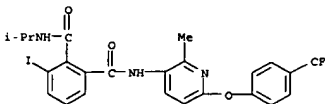
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317812-99-0 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-nitro- (9CI) (CA INDEX NAME)

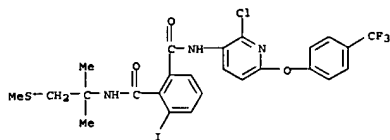


RN 317813-00-6 CAPLUS  
CN 1,2-Benzenedicarboxamide, 3-iodo-N2-(1-methylethyl)-N1-[2-methyl-6-(4-(trifluoromethyl)phenoxy)-3-pyridinyl]- (9CI) (CA INDEX NAME)

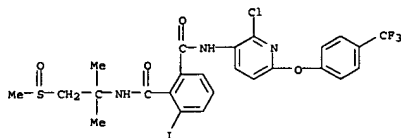


RN 317813-01-7 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-(4-(trifluoromethyl)phenoxy)-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-iodo- (9CI) (CA INDEX NAME)

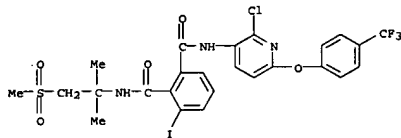
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317813-02-8 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[4-(trifluoromethyl)phenoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfinyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



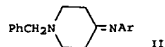
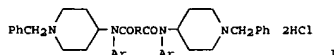
RN 317813-04-0 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[4-(trifluoromethyl)phenoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo- (9CI) (CA INDEX NAME)



RN 317813-05-1 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-3-pyridinyl]-N2-[1,1-dimethyl-2-(methylthio)ethyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:11880 CAPLUS  
DOCUMENT NUMBER: 130:153553  
TITLE: Synthesis and analgesic activities of bifentanyll derivatives  
AUTHOR(S): Ding, Pingyu; Li, Runtao; Cai, Mengshen  
CORPORATE SOURCE: School of Pharmaceutical Sciences, Beijing Medical University, Beijing, 100083, Peop. Rep. China  
SOURCE: Yaoxue Xuebao (1998), 33(10), 737-740  
CODEN: YHHPAL; ISSN: 0513-4870  
PUBLISHER: Chinese Academy of Medical Sciences, Institute of Materia Medica  
DOCUMENT TYPE: Journal  
LANGUAGE: Chinese  
OI

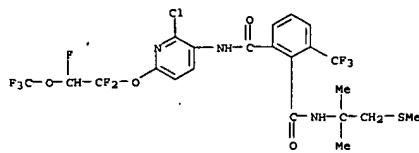


AB Twenty title compds. I (R = (CH<sub>2</sub>)<sub>3</sub>, (CH<sub>2</sub>)<sub>8</sub>, (CH<sub>2</sub>)<sub>4</sub>, (Trans)-CH=CH, 1,6,-C<sub>6</sub>H<sub>4</sub>, (CH<sub>2</sub>)<sub>6</sub>, etc.; Ar = C<sub>6</sub>H<sub>5</sub>, 4-MeOC<sub>6</sub>H<sub>4</sub>, 4-BrC<sub>6</sub>H<sub>4</sub>, 4-ClC<sub>6</sub>H<sub>4</sub>, 4-PhC<sub>6</sub>H<sub>4</sub>, etc.) were prepd. from ClCORCOCl and II and their analgesic activities and the relationships between the structures and activities were tested. Compd. I (R = (CH<sub>2</sub>)<sub>3</sub>; Ar = C<sub>6</sub>H<sub>5</sub>; R = (CH<sub>2</sub>)<sub>3</sub>; Ar = 4-MeOC<sub>6</sub>H<sub>4</sub>) showed strong analgesic activities in preliminary pharmacol. tests.

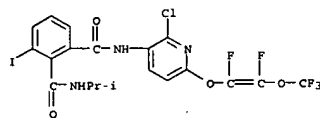
IT 220317-39-5P  
RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(synthesis and analgesic activities of bifentanyll derivs.)

RN 220317-39-5 CAPLUS  
CN 1,2-Benzenedicarboxamide, N,N'-bis[1-(phenylmethyl)-4-piperidinyl]-N,N'-di-3-pyridinyl-, dihydrochloride (9CI) (CA INDEX NAME)

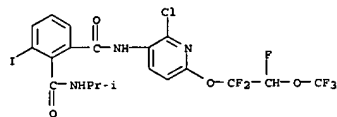
L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 317813-06-2 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[(1,2-difluoro-2-(trifluoromethoxy)ethenyl)oxy]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

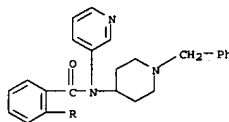


RN 317813-07-3 CAPLUS  
CN 1,2-Benzenedicarboxamide, N1-[2-chloro-6-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]-3-pyridinyl]-3-iodo-N2-(1-methylethyl)- (9CI) (CA INDEX NAME)

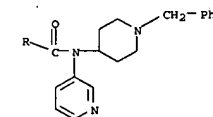


REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

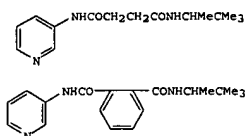


● 2 HCl



L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1985:6210 CAPLUS  
 DOCUMENT NUMBER: 102:6210  
 TITLE: Biscarboxamides for controlling illnesses  
 INVENTOR(S): Rosentreter, Ulrich; Niemera, Ekkehard; Stegelmeier, Hartmut; Knorr, Andreas; Garthoff, Bernhard  
 PATENT ASSIGNEE(S): Bayer A.-G., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 41 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3305569	A1	19840823	DE 1983-3305569	19830218
EP 119428	A2	19840926	EP 1984-101205	19840207
EP 119428	A3	19850306		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
ES 529686	A1	19850401	ES 1984-529686	19840213
JP 59163353	A2	19840914	JP 1984-24535	19840214
DK 8400766	A	19840819	DK 1984-766	19840217
ZA 8401183	A	19841031	ZA 1984-1183	19840217
ES 538151	A1	19851101	ES 1984-538151	19841130
PRIORITY APPLN. INFO.: DE 1983-3305569				19830218
OTHER SOURCE(S): CASREACT 102:6210				
GI				

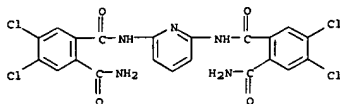


AB RNHCOC(=O)NHR1 (R = aryl or 5-6-membered heteroaryl; R1 = branched alkyl or cycloalkyl; Z = bond, alkylene, CH2OCH2, cycloalkylene, heteroarylene, etc.) were prepd. and shown to have antihypertensive activity. Thus, succinic anhydride was treated with Me3CCHMeNH2, then MeSO2Cl, and then 3-pyridinamine to give the diamide II. At 3 mg/kg II lowered the blood pressure in spontaneously hypertensive rats by 15 mm Hg.

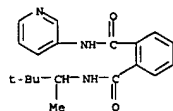
IT 93700-07-3P  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1975:18622 CAPLUS  
 DOCUMENT NUMBER: 82:18622  
 TITLE: Isoindolinone pigments  
 INVENTOR(S): Ando, Hirohito; Tagaki, Kunihiro  
 PATENT ASSIGNEE(S): Dainippon Ink and Chemicals, Inc.  
 SOURCE: Ger., 9 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

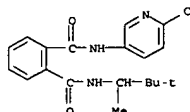
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2321511	B1	19740725	DE 1973-2321511	19730427
DE 2321511	C2	19770113		
PRIORITY APPLN. INFO.: DE 1973-2321511				19730427
GI				
AB				
Orange to red isoindolinone pigments (I, Z = p-C6H4, p-C6H4C6H4-p, 3,3'-dimethoxy-p-biphenylene, 2-methyl-1,3-phenylene, 2,6-pyridinediyl, 3,3'-dimethyl-p-biphenylene; R, R1 = H, Cl, Br, F) were prepd. by cyclization of N,N'-arylenebisphthalamides. Thus, N,N'-(p-phenylene)bis(3,4,5,6-tetrachlorophthalamide) [53562-99-5] was heated with PC15 in C6H3Cl3 at 70-80.degree. for 3 hrs to give isoindolinone pigment I (R=R1=Cl, Z=p-C6H4) [5590-18-1]. Eight other I were similarly prepd.				
IT 53563-05-6				
RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with phosphorus pentabromide, ring closure in)				
RN 53563-05-6 CAPLUS				
CN 1,2-Benzenedicarboxamide, N,N'-2,6-pyridinediylbis(4,5-dichloro- (9CI) (CA INDEX NAME)				



L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)  
 (prepn. and antihypertensive activity of)  
 RN 93700-07-3 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N-3-pyridinyl-N'-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)



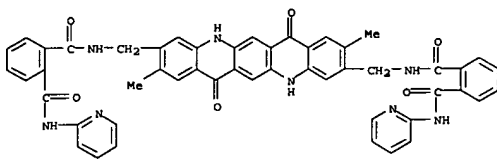
IT 93700-12-0P  
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)  
 RN 93700-12-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N-(6-chloro-3-pyridinyl)-N'-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)



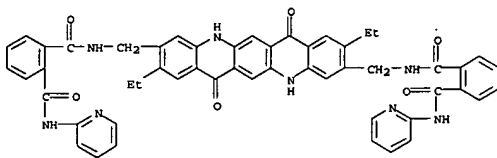
L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1970:504338 CAPLUS  
 DOCUMENT NUMBER: 73:104338  
 TITLE: Electrophotographic plate  
 INVENTOR(S): Weinberger, Lester  
 PATENT ASSIGNEE(S): Rank-Xerox Ltd.  
 SOURCE: Ger. Offen., 21 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1942700				
FR 2016183				
GB 1278702				
US 3667943		19720000		
PRIORITY APPLN. INFO.: US				19680822
GI				
AB				
Photoconductive insulating layers are prepd. with dispersions of resin binder (I) and quinacridone pigment II, where R is Me, Et, OMe, OEt, or halogen and R1 is an aromatic, alicyclic or aliphatic group. The wt. ratio of II/I, required to attain satisfactory plate sensitivities is 1:4 to 1:10, and the mech. properties of the plate are, therefore, essentially those of the binder. Because of their hard and smooth surfaces, these plates are superior to plates employing inorg. pigments, at necessarily higher levels. Suitable resin binders such as polyethylene have resistance >1012 ohm/cm. The thickness of the quinacridone-binder films, if supported by a substrate, is 5-30 .mu. (15-75 .mu. without support) and protective overcoats (nitrocellulose lacquer) should not exceed 1/4 of the thickness of the photoconductive layer. Thus, an electrophotographic plate was prepd. by ball milling 6 parts Pliolite S58 (styrene/butadiene copolymer) with 6 parts xylene and 1 part II (R1 = 2-pyridyl, R = Me). The resulting homogeneous dispersion was coated (5 mils) on Al foil, dried (2 hr, 100.degree. air), charged (650 V corona discharge), exposed (15 sec, W lamp, color temp. 3400.degree. K) in contact with a film positive, and developed (cascade development using pigmented particles). Electrostatic transfer of the powder residue from the plate to a receiving sheet and melting by applied heat resulted in an image of good quality.				
IT 27873-66-1 29518-48-7 29518-49-8 29518-50-1 29544-03-4				
RL: USES (Uses) (photoconductive insulating layers contg. for electrophotography)				
RN 27873-66-1 CAPLUS				
CN Phthalimide, [5,7,12,14-tetrahydro-2,9-dimethyl-7,14-dioxoquino[2,3-b]acridine-3,10-diyl]dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)				

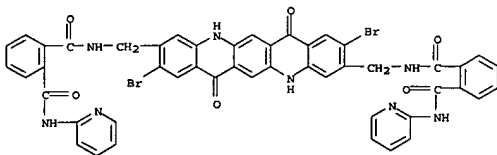
L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



RN 29518-48-7 CAPLUS  
 CN Phthalamide,  
 N,N'-[(2,9-dimethyl-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)



RN 29518-49-8 CAPLUS  
 CN Phthalamide,  
 N,N'-[(2,9-dibromo-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)



RN 29518-50-1 CAPLUS  
 CN Phthalamide,  
 N,N'-[(2,9-dichloro-5,7,12,14-tetrahydro-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1970:446698 CAPLUS  
 DOCUMENT NUMBER: 73:46698  
 TITLE: Quinacridone pigments  
 INVENTOR(S): Weinberger, Lester  
 PATENT ASSIGNEE(S): Xerox Corp.  
 SOURCE: Ger. Offen., 21 pp.

DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1942699	A	19700226	DE 1969-1942699	19690821
DE 1942699	B2	19740228		
DE 1942699	C3	19741003		
CA 943548	A1	19740312	CA 1969-47002	19690327
BR 6909985	A0	19730412	BR 1969-209985	19690620
FR 2017174	A5	19700522	FR 1969-28208	19690818
GB 1272608	A	19720503	GB 1969-1272608	19690820
BE 737811	A	19700223	BE 1969-737811	19690821
NL 6912735	A	19700224	NL 1969-12735	19690821
AT 294994	B	19711210	AT 1969-8044	19690821
ES 370719	A1	19720216	ES 1969-370719	19690821
AT 300555	B	19720725	AT 1970-6749	19690821
SE 347985	B	19720821	SE 1969-11634	19690821
SE 356381	B	19730521	SE 1971-14779	19690821
CH 552665	A	19740815	CH 1969-12697	19690821
US 3705901	A	19721212	US 1971-129078	19710329
ES 392799	A1	19730816	ES 1971-392799	19710701
US 3753708	A	19730821	US 1972-243521	19720410
PRIORITY APPLN. INFO.:			US 1968-754634	19680822
			US 1971-129078	19710329

GI For diagram(s), see printed CA Issue.

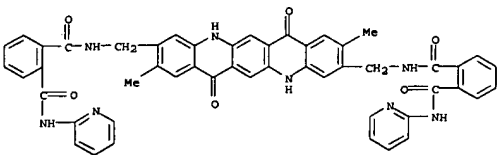
AB I (R = 2-pyridylamino), useful for photoelectroscopy was prepd. by condensing 2-aminopyridine with I (R = Cl) [prepd. from I (R = OH) and SOCl<sub>2</sub>].

IT 27873-66-1P

RL: IMP (Industrial manufacture); PREP (Preparation)  
 (prepn. of)

RN 27873-66-1 CAPLUS

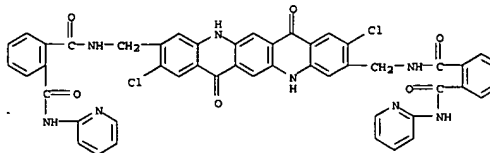
CN Phthalamide,  
 N,N'-[(5,7,12,14-tetrahydro-2,9-dimethyl-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)



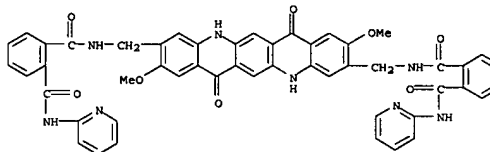
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L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)



RN 29544-03-4 CAPLUS  
 CN Phthalamide, N,N'-[(5,7,12,14-tetrahydro-2,9-dimethoxy-7,14-dioxoquino[2,3-b]acridine-3,10-diyl)dimethylene]bis[N'-2-pyridyl]- (8CI) (CA INDEX NAME)



L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

59.39

207.75

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-8.46

-8.46

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